

To: Ex. 5 - Deliberative
Cc: Lori Terwilliger[lori@opp-llc.com]; Green, Holly[Green.Holly@epa.gov]
From: Jollie, Jeff
Sent: Tue 1/14/2014 5:05:15 PM
Subject: Drinking Water Hotline Response

Dear Ms Ex. 5 - Deliberative

I am responding to the call you made to the Safe Drinking Water Hotline regarding the flushing of contaminated public water into your private septic system. The concerns you raised are justified. Water from your septic system returns to ground water after it filters through soil, which typically does a pretty good job in removing contaminants in normal sanitary wastes.

Any impacts to ground water from the recent chemical spill affecting the water supply in your area depends upon the chemical properties of the contaminant, the concentrations in of that contaminant in you water supply, the quantity discharged to the septic system, and the physical and chemical properties of the receiving soil. All of those are unknowns.

The West Virginia Department of Environmental Protection directly manages septic systems in your area and that agency should be able to assess any potential threats posed by the septic system discharges you described. The following link will take you to the WV Department of Environmental Protection's Inspection and Enforcement page for the Division of Water and Waste Management (<http://www.dep.wv.gov/WWE/i-e/Pages/default.aspx>). It is recommended that you call them and request their assessment.

If you have any additional questions feel free to call me at (202) 564-3886.

Jeff Jollie

Hydrogeologist

Underground Injection Control Program
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